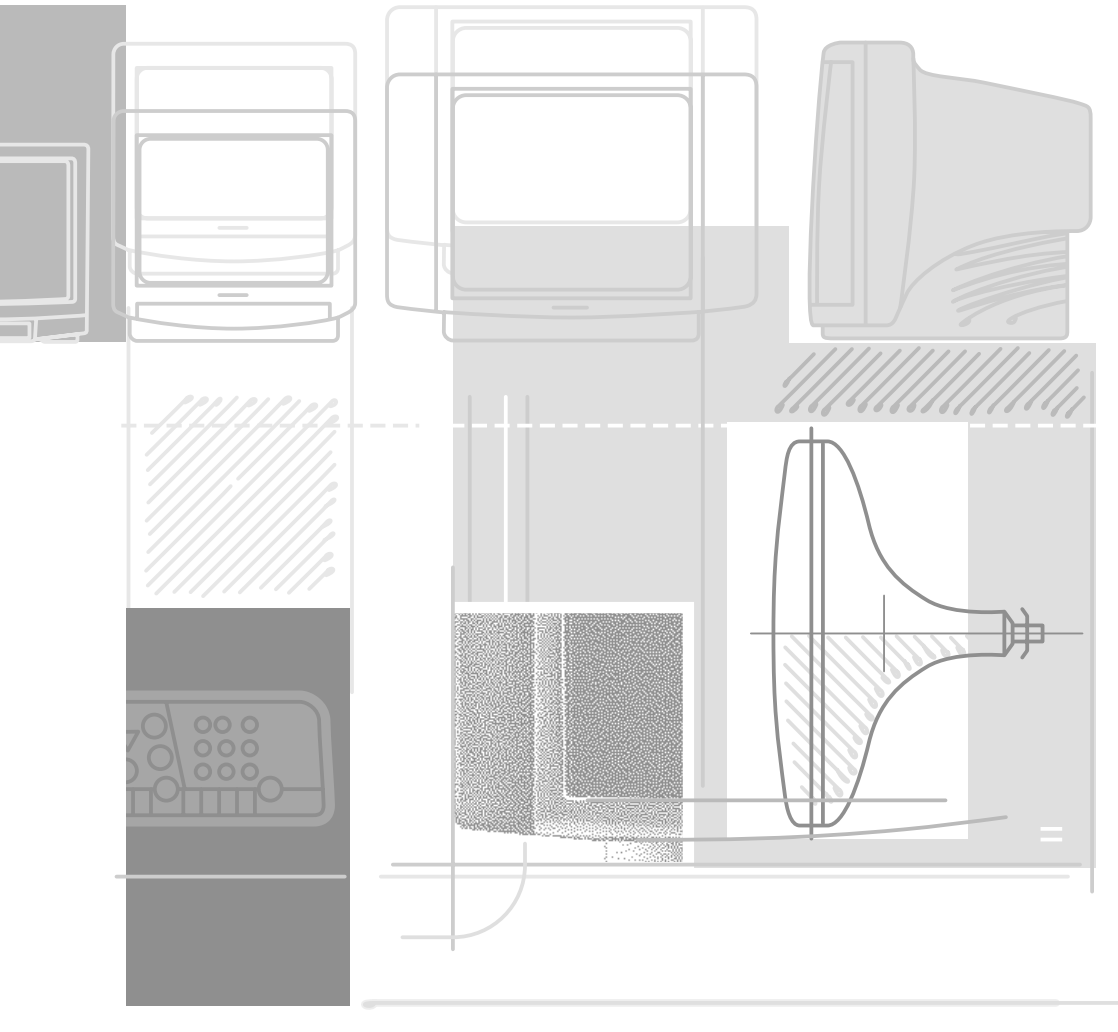
GRUNDIG

COLOR TELEVISION

P 37-080 GB

FINE ARTS



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**Warning**

In case this appliance is supplied with a Safety Standard Approved mains lead fitted with a non-rewireable 13 Amp mains plug which, if unsuitable for your socket, should be cut off and an appropriate plug fitted by a qualified electrician. The fuse and fuse holder must be removed from the plug as accidental insertion of the redundant plug into a 13 Amp socket is likely to cause an electrical hazard.

Note: The severed plug must be destroyed to avoid a possible shock hazard should it be inserted into a 13 Amp socket elsewhere.

If it is necessary to change the fuse in the non-rewireable plug, the correct type and rating (5 Amp ASTA or BSI approved BS 1362) must be used and the fuse cover must be refitted. If the fuse cover is lost or damaged the lead and plug must not be used until a replacement is obtained. Replacement fuse covers should be obtained from your dealer.

If a non-rewireable plug or a rewireable 13 Amp (BS 1363) plug is used, it must be fitted with a 5 Amp ASTA or BSI approved BS 1362 fuse. If any other type of plug is used it must be protected by a 5 Amp fuse either in the plug or at the distribution board.

Important:
The wires in the mains lead are coloured in accordance with the following code:
BLUE – NEUTRAL
BROWN – LIVE
As the colours of the wires in the mains lead of your appliance may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows:
Connect the BLUE coloured wire to plug terminal marked with the letter "N" or coloured black.
Connect the BROWN coloured wire to the plug terminal marked with a letter "L" or coloured red.
In no circumstance must any of the wires be connected to the terminal marked with a letter "E", earth symbol ⏚ , coloured green or green and yellow.
Replacement mains lead can be obtained from your dealer.

## Set-up and Safety

The minimum spacings – 10 cm on each side and 20 cm at the top – must be observed for operation in a wall unit.

Do not cover the ventilation openings on the rear panel.
Heat accumulation poses a risk and is detrimental to the service life of the equipment.

Do not place the set near to heating appliances.

The mains cable must not be clamped or damaged.

Even if the set is switched off, it could be damaged by a lightning strike hitting the mains and/or the aerial lead.

Therefore, always disconnect the mains plug and aerial plug when storms are apparent.

Protect the set from moisture and dripping or splashing water.

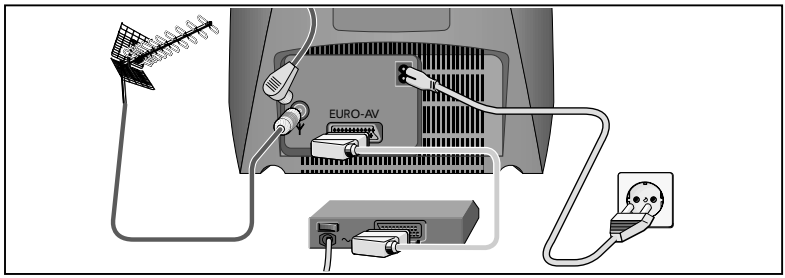
Do not insert any objects into the ventilation openings.
Caution high voltage!

## Inserting the Batteries in the Remote Control

Insert the batteries supplied observing the polarity (marked on base of battery compartment).

»Batter.« will appear on the set screen when the battery is flat.
Ensure that used batteries are removed and disposed of in an environmentally friendly way.
There is no liability for damage occuring through dead batteries.

## Connection



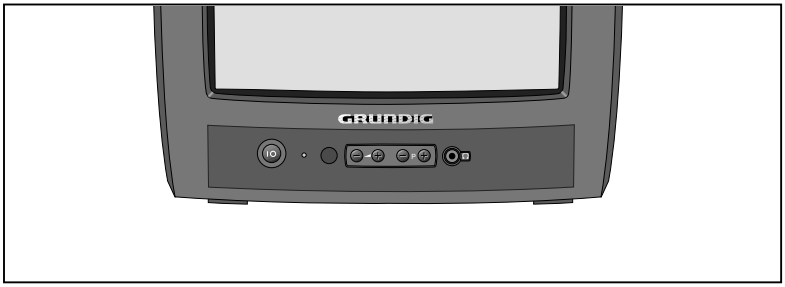

1 Insert the telescopic aerial in the recess on the rear panel.

2 Connect the aerial cable or telescope aerial plug to the aerial socket Y on the set.

3 Connect the mains cable plug to the set mains socket and to the wall socket.

i Connection of external equipment is described on pages 11 and 13.

## Operation on the Set




### Switching on/off

Press the ⏻ button.
– If the display then illuminates, the set is in standby mode.
Switch the set on completely with the P ⊕ button.

### Adjusting the volume

Adjust the volume with the ⊖ ◢ ⊕ buttons.

### Selecting channels

Select the channels with the ⊖ P ⊕ buttons.

## Assigning Channel Positions with the ATS Automatic Channel Search and Memory System

There are 69 channel positions available which can be assigned television channels from the aerial or from the cable connection as desired.

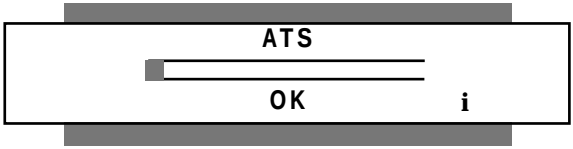
The set is equipped with an automatic channel search system, ATS.

You start the search and can then sort the television channels into an order of your choice.

You can also delete television channels which were found several times or which have poor reception from the channel list.

**1** »ATS« is displayed when the set is switched on.

**i** If »ATS« is not displayed, press the AUX button for approx. 4 seconds until the display appears.




**2** Start the search with the OK button.
– The search procedure can take over a minute.

**i** The search can be aborted with the i button.

**i** Once the set has stored all television channels it will switch to channel position 1.

## Deleting Television Channels

You can delete television channels with poor reception.

**1** Press the i and then the OK button.
– The »Channel Display« will appear.

**2** Select the channel position whose television channel should be deleted with the P- or P+ button.

**3** Delete the television channel by pressing the TXT and then the OK button.
– The subsequent television channels will move by one channel position to the front.

**4** End the setting with the i button.

## Sorting Program Positions

1 Select the channel position which is to be moved with the P- or P+ button.

2 Press the i and then the OK button.
– The »Channel Display« will appear.

3 Enter the new channel position with the digit buttons 0 and 9 using two digits and confirm with the OK button.

4 End the setting with the i button.

## Limiting the Channel Position Selection

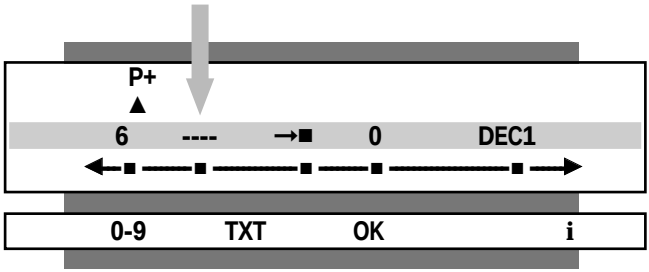
The ATS search stores all television channels found and automatically "blocks" the first non-assigned channel position. This means only the found television channels can be selected when you switch through the channel positions stey by step with the P- or P+ buttons.

You can also enter this limit manually. Channel position 6 onwards has been "blocked" in the example.

1 Press the i and then the OK button.
– The »Channel Display« will appear.

2 Select channel position 6 with the P- or P+ button.

3 Press the ▶ button once (position ) and enter the »Channel Postion Limit« (----) with the P- or P+ button.




4 Store the setting with the OK button and end with the i button.
– Now only the first 5 channel positions (and AV) can be switched through in quick sequence with the P- or P+ button.
– All channel positions – including the "blocked" ones – can still be selected with the digit buttons 0 … 9.

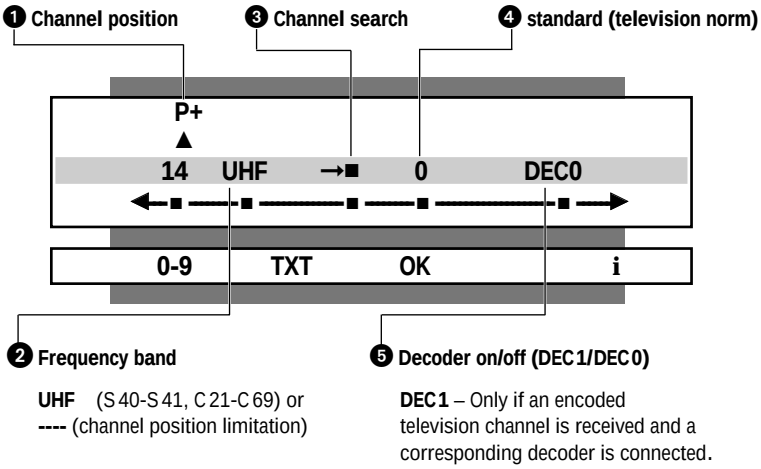
## Manually Assigning Channel Positions

This setting is only required if, for example, a new television channel is added to the cable selection and you want to keep your special channel position order (e.g. BBC1 = 1, BBC2 = 2 … etc.).

Example:

You want to set a new television channel in the »UHF« frequency band (special channel S 40-S 41, channel C 21-C 69) to channel position »14«.

**1** Press the ⓘ and then the OK button.
– The »Channel Display« will appear.
– The picture explains the different setting possibilities. Select the position either with the ◄ or ► button, then enter with the P- or P+ button.




**UHF** (S 40-S 41, C 21-C 69) or
**----** (channel position limitation)

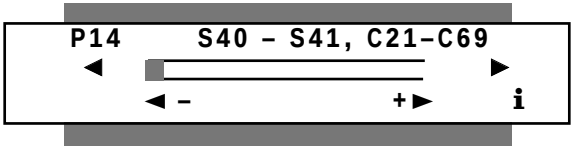
**DEC1** – Only if an encoded television channel is received and a corresponding decoder is connected.

**i** The positions ❶, ❷ and ❸ of the picture are referred to in the example.

**2** Press the P- or P+ button repeatedly until the channel position »14« is displayed under position.

**3** Select the band UHF, (or **----** with the P-/P+ button – see page 6). position ❷ with the ►.

**4** Select position ❸ with the ⊳ button and then press the ▽ or △ button.
– The »Channel Search« display will appear.




**5** Start channel search by holding down the ◄ or ⊳ button.
– The channel search will stop at each receivable television channel.
– Start the channel search repeatedly until the desired television channel appears on the screen.

**i** The picture and sound can be fine tuned by pressing the ◄ or ⊳ button repeatedly and briefly.
This fine tuning procedure is only possible for channel positions 1 to 20.

**6** End the channel search with the i button.
– The »Channel Display« will appear.

**i** The television norm (standard) – position ❹ – cannot be changed.

**7** Store the setting for this channel position with the OK button.

**8** End the setting with the i button.

## Functions for Daily Television Operation

Switch on the set with the ⏻ button.

Switch the set to standby mode (⏻).

Switch on the set from standby mode (AV 0…9, P+).

Select channel positions (including AV) directly (AV 0…9).

Sound on/off (mute) (🔇).

Select channel position step by step (P–, P+).

Adjust volume (◀ ▶).

Adjust brightness (– ☼ +).

Adjust colour contrast (– ◑ +).

Each changed value (volume, brightness, colour contrast) will be stored after approx. 8 seconds.

Reset to the factory setting by pressing the AUX button and then the OK button.

no function

Fade channel position number in/out (ⓘ).

The station name is also displayed with some television channels.

## Further Functions for Television Operation

Adjusting black/white contrast:

Press the AUX button, then adjust with the ⊖ ☼ ⊕ buttons.

Entering the switch-off time for the “Sleep Timer”:

1 Press the AUX and then the TXT button.

2 Enter the switch-off time with the digit buttons 0 … 9 (01 to 99 minutes).

3 End the setting with the i button.

i The functions of the P−, P+, ◄, ► and OK buttons for settings are described in the chapters on pages 5 to 8.

## Remote Control of Grundig Video Recorders

1 Press the ◯VIDEO button and keep depressed.

2 The following list shows which buttons can be used to operate the functions of the video recorder.

| | | |
|---|---|---|
| P− | | = Channel position downwards |
| P+ | | = Channel position upwards |
| ● | (i button) | = start recording |
| ▶ | (OK button) | = start playback |
| II | (►II button) | = pause |
| ◀◀ | (◄ button) | = reverse picture search |
| ▶▶ | (► button) | = forwards picture search |
| ■ | (Taste AV 0) | = stop |

## Remote Control of Grundig Satellite Receivers

1 Press the ◯SAT button and keep depressed.

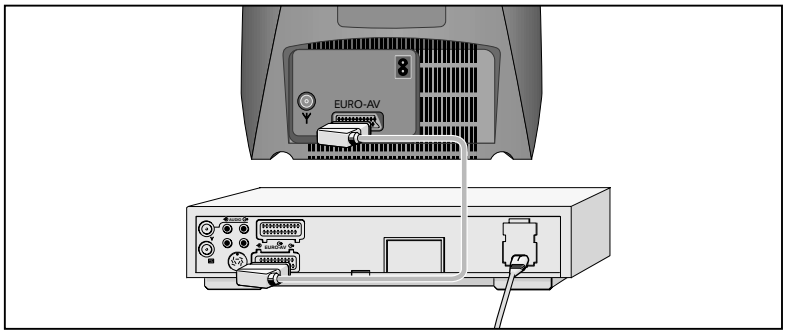
2 Select the satellite channel with the P+ or P− button.

3 Switch the satellite receiver to standby with the ⏻ button.

4 Switch the satellite receiver on from standby with the 1…9, P+ buttons.

## Video Recorder, Satellite Receiver or Camrecorder

### Connection




**1** Connect the »EURO-AV« socket on the television set to the corresponding socket on the video recorder or satellite receiver with a EURO/AV (Scart) cable.

**i** Teletext mode is not possible if the satellite receiver is connected via the Euro-AV socket.

If the satellite receiver also has an HF aerial output, this socket can be used to enable teletext mode.

**i** Use a conventional adapter cable to connect a camcorder.

### Operation

**1** Press the AV⓪ button, »AV« will appear.
Start playback on the video recorder or camcorder or switch on the satellite receiver.
– The recorder playback or the satellite receiver channel will appear on the screen.

### Video playback via the aerial socket

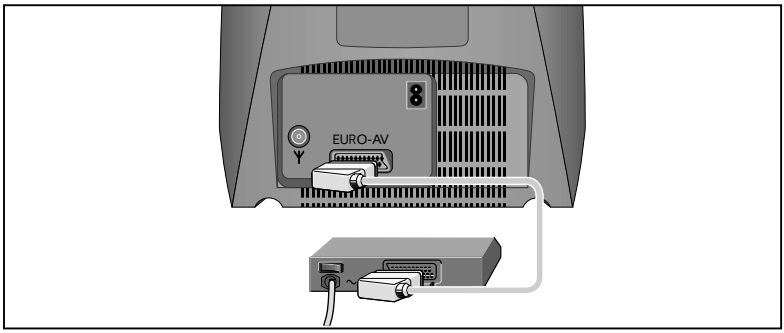
The video recorder can also be connected to the set aerial socket Y. The aerial must then be connected to the aerial socket on the video recorder.

To view the recorder playback a channel position on the set must be tuned to the video recorder, see setting in the chapter “Manually Assigning Channel Positions”, on page 6.

## Decoder (Descrambler)

Some stations – whose television channels are transmitted via cable unit or satellite receiver – encode their transmissions. The picture – and also the sound with some stations – are then unrecognisable. You can decode such television channels with a decoder.

### Connection

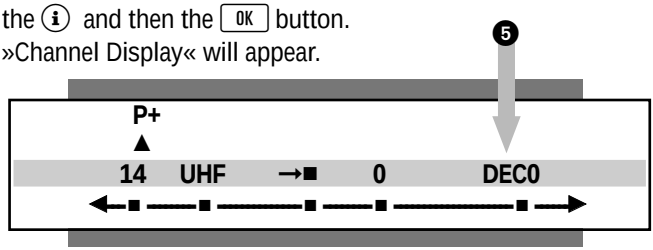



**1** Connect the »EURO-AV« socket on the television set to the corresponding socket on the decoder with a EURO/AV (Scart) cable.

### Setting for Operation with a Decoder

**1** Select the channel position which is assigned the encoded television channel.

**2** Press the ⓘ and then the OK button.
– The »Channel Display« will appear.



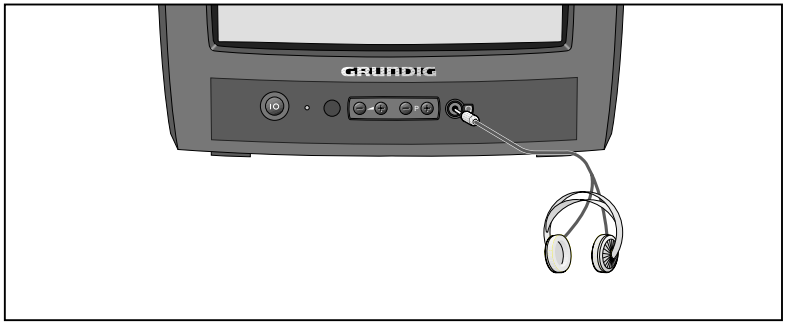

**3** Select the position ❺ »DEC 0« with the ◄ or ► button.

**4** Select the required »DEC1« setting with the P+ or P- button.

**5** Store the setting with the OK button and end with the ⓘ button.

## Headphones

### Connection




1 Insert the headphone plug (3.5 mm ø jack) into the headphone socket ∩ at the front of the set.
– This switches off the set speaker.

### Adjusting the headphone volume

1 Adjust the headphone volume with the ◄ or ► button.

## Technical Data

CE The product fulfils the requirements of the following EU guidelines:
73/23/EEC guideline on electrical equipment for use within certain voltage limits.
89/336/EEC guideline on electromagnetic compatibility.

The set complies with the standards:
EN 60065, EN 55013, EN 55020

! The set complies with regulation on protection against x-rays. The x-ray emission – caused by the tube – is sufficiently shielded and is therefore completely safe.
Tampering, in particular adjusting the high voltage or installation of a different tube type can lead to the x-ray emission substantially increasing. Sets which have been modified in such a way no longer correspond with this approval and must not be operated.

220 – 240V, 50/60 Hz (control range of the power suppply unit 165 – 265V)

Power consumption approx. 35 W; in standby 9 W.

Final sound stage: 2 W music signal power (1 W sinus).

The mains cable for the set is of a pluggable type. If replacement is necessary, please give the customer service centre the order no.: 8290-991-351.

**Subject to alteration and correction!**

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